## SEQUENCE LISTING

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<120> METHODS

<130> DJB/009901/0276522

<140> 09/761,580 <141> 2001-01-18

<150> GB 0000992.8 <151> 2000-01-18

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<170> PatentIn Ver. 2.1

<210> 1 <211> 2583 <212> DNA

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Val Gly Lys Pro Glu Asp Ile Glu Ala Phe Lys Asn Tyr Thr Leu Asp 70 65

Ser Ser Ala Ala Pro Thr Pro Gln Ala Ala Pro Ala Pro Thr Pro Ala

Ala Thr Ala Ser Pro Pro Thr Pro Ser Ala Gln Ala Pro Gly Ser Ser 110

Tyr Pro Pro His Met Gln Val Leu Leu Pro Ala Leu Ser Pro Thr Met 120

Thr Met Gly Thr Val Gln Arg Trp Glu Lys Lys Val Gly Glu Lys Leu 135 130

Ser Glu Gly Asp Leu Leu Ala Glu Ile Glu Thr Asp Lys Ala Thr Ile 155

Gly Phe Glu Val Gln Glu Glu Gly Tyr Leu Ala Lys Ile Leu Val Pro

Glu Gly Thr Arg Asp Val Pro Leu Gly Thr Pro Leu Cys Ile Ile Val 190 185 180

- Glu Lys Glu Ala Asp Ile Ser Ala Phe Ala Asp Tyr Arg Pro Thr Glu 195 200 205
- Val Thr Asp Leu Lys Pro Gln Val Pro Pro Pro Thr Pro Pro Pro Val 210 215
- Ala Ala Val Pro Pro Thr Pro Gln Pro Leu Ala Pro Thr Pro Ser Ala 225 230 230
- Pro Cys Pro Ala Thr Pro Ala Gly Pro Lys Gly Arg Val Phe Val Ser 245 250 255
- Pro Leu Ala Lys Lys Leu Ala Val Glu Lys Gly Ile Asp Leu Thr Gln 260 265 270
- Val Lys Gly Thr Gly Pro Asp Gly Arg Ile Thr Lys Lys Asp Ile Asp 275 280 285
- Ser Phe Val Pro Ser Lys Val Ala Pro Ala Pro Ala Ala Val Val Pro 290 295 300
- Pro Thr Gly Pro Gly Met Ala Pro Val Pro Thr Gly Val Phe Thr Asp 320
- Ile Pro Ile Ser Asn Ile Arg Arg Val Ile Ala Gln Arg Leu Met Gln 325 330 335
- Ser Lys Gln Thr Ile Pro His Tyr Tyr Leu Ser Ile Asp Val Asn Met 340 345 350
- Gly Glu Val Leu Leu Val Arg Lys Glu Leu Asn Lys Ile Leu Glu Gly 355 360 365
- Arg Ser Lys Ile Ser Val Asn Asp Phe Ile Ile Lys Ala Ser Ala Leu 370 375
- Ala Cys Leu Lys Val Pro Glu Ala Asn Ser Ser Trp Met Asp Thr Val 385 390 395 400
- Ile Arg Gln Asn His Val Val Asp Val Ser Val Ala Val Ser Thr Pro
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- Ala Gly Leu Ile Thr Pro Ile Val Phe Asn Ala His Ile Lys Gly Val 420 425 430
- Glu Thr Ile Ala Asn Asp Val Val Ser Leu Ala Thr Lys Ala Arg Glu 435 440 445
- Gly Lys Leu Gln Pro His Glu Phe Gln Gly Gly Thr Phe Thr Ile Ser 450 455 460
- Asn Leu Gly Met Phe Gly Ile Lys Asn Phe Ser Ala Ile Ile Asn Pro 465 470 480
- Pro Gln Ala Cys Ile Leu Ala Ile Gly Ala Ser Glu Asp Lys Leu Val 485 490 495

Pro Ala Asp Asn Glu Lys Gly Phe Asp Val Ala Ser Met Met Ser Val 500 505 510

Thr Leu Ser Cys Asp His Arg Val Val Asp Gly Ala Val Gly Ala Gln 515 520 525

Trp Leu Ala Glu Phe Arg Lys Tyr Leu Glu Lys Pro Ile Thr Met Leu 530 535 540

Leu 545